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FOREIGN CROPS AND MARKETS.

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SUMMARY OF THE CONTENTS OF THIS NUMBER.

The wheat and barley crops of Scotland for 1922 are slightly below those of 1921. The production of oats has increased somewhat. The estimate of the potato crop for 1922 is 5,674,000 bushels more than the crop last year.

The estimated production of wheat in Norway is considerably below that of last year but is almost twice as much as the pre-war average for 1909-13. The rye production is decreased but oats and barley have increased. The potato crop for 1922 is 6,508,000 bushels more than the amount produced last year.

The total dairy production of Argentina during 1921 was the largest ever reported. Cheese production was somewhat below that of the previous year, while butter production increased from 62,892,000 pounds to 72,295,000 pounds. The production of casein increased 12 per cent. Approximately 70 per cent of the butter is exported.

For the year ended June, 1922, Australia exported, according to preliminary reports 127,347,000 pounds of butter as compared with 92,421,000 pounds in 1921 and 39,006,000 pounds in 1920. More butter and condensed milk and less cheese were produced in Australia in 1920 than in the preceding year.

Butter production in Canada in 1921 increased approximately 10 per cent over the 1920 production. Practically this same rate of increase has been sustained each year since 1918. Cheese production, while greater than in 1920 was still less than in any other recent year. Condensed milk production declined approximately 15 per cent.

Denmark is nearing her pre-war butter production with 231,000,000 pounds in the year ending March 31, 1922. In addition, the recent production of cheese for export is becoming an important factor in Denmark's dairy industry. The estimated cheese production for 1922 is approximately 62,000,000 pounds. Exports of butter which in 1921 slightly exceeded those of 1913 were still on the increase during the first 9 months of 1922. Cheese exports in 1921 were the largest up to that time and have declined somewhat in 1922. Great Britain is the best market for Danish butter, but since the war the Danes have divided their exports among other countries and are not so dependent upon Great Britain for a market.

The number of cows in France including Alsace-Lorraine is less than in 1913. The proportion of cows to total cattle is greater.

Germany, prior to the war, was second only to the United Kingdom as an importer of butter with an import in 1913 of practically 120,000,000 pounds. By 1920 this had fallen to 17,000,000 pounds, and during the first 9 months of 1922 was only about 3,300,000 pounds. Cheese imports, on the other hand, were in 1920 only slightly below those of 1913.

London quotations on foreign butter over a ten year period indicate that on this world market the butters find favor in the following order: Danish, French, New Zealand, Australia, Argentina, and Russian.

SUMMARY OF THE CONTENTS OF THIS NUMBER,-CONT'D.

Canadian cheese has for the last ten years sold higher on the London markets than the same type cheddar cheese from New Zealand. Only in 1915 and 1921 was the yearly average of New Zealand cheese the higher.

The actual decrease from the pre-war total number of cattle in Russia has not resulted in a proportionate decrease in the number of cows. The chief explanation for this is that the cows afforded feed resources for immediate consumption rather than resources for future production.

As an exporter of cheese in 1921, New Zealand ranked first, with an export figure of 153,304,000 pounds. Canada exported 167,260,000 pounds annually during the period of 1909-1913, and 142,768,000 pounds in 1920, and for these periods had first rank as an exporter. In 1921 the Netherlands exported 115,279,000 pounds, or about 90 per cent of her pre-war average. Of the total exports of cheese from all countries in 1920 and 1921, the United Kingdom took almost two-thirds, compared with about 48 per cent in 1909-1913. The total exports of cheese from all countries in 1909-1913 were 538,124,000 pounds; in 1920, 460,784,000 pounds; in 1921, 477,338,000 pounds, and of these amounts Canada, New Zealand and the Netherlands contributed 65 per cent, 82 per cent, 85 per cent, respectively for the years 1909-13, 1920 and 1921.

The exports of butter from Denmark in 1921 amounted to 202,942,000 pounds, an increase of 7,412,000 pounds over 1909-1913, and 37,983,000 pounds over 1920. Australia, the next in line as an exporter, also shows a marked increase over the pre-war period. The Netherlands exporting 45,576,000 pounds in 1920 and 44,528,000 pounds in 1921, is below a normal export by about 40 per cent in each year. The United Kingdom imported 455,489,000 pounds annually during 1909-1913, and 372,895,000 pounds in 1921, the imports for 1921 being the greatest since the war. Belgium and Switzerland likewise reflect material gains in imports during 1920 and 1921.

Statistics for other countries which are of importance in the dairy industry will be published in the issue of Foreign Crops and Markets for December 27, 1922.

CROP PRODUCTION IN NORWAY FOR 1920-1922 WITH THE AVERAGE FOR THE YEARS 1909-13

Crop	Average 1909-13	Final Figures 1920	Final Figures 1921	Preliminary Estimates for 1922
	Bushels	Bushels	Bushels	Bushels
Wheat	306,970	999,160	971,680	603,500
Rye	974,220	970,270	1,042,630	869,643
Barley	2,866,810	5,381,830	4,279,090	4,945,000
Oats	10,245,160	15,078,030	12,960,420	14,798,750
Maslin	585,840	783,110	693,840	.....
Potatoes	24,820,720	31,075,830	26,219,060	32,726,833
	Short Tons	Short Tons	Short Tons	
Hay	3,168,480	2,075,940	2,022,640	.....
		Winchester Bushels	Winchester Bushels	
Turnips	.....	17,004,230	16,475,544	.....
Peas	.....	174,442	149,944	.....

(Source: Statistiske Centralbyraa "Jordbruk og Fedrift" 1906-10, page 29; 1911-15, page 34 and 1916-20, page 24. 1922 figures, International Institute of Agriculture, November 11, 1922, Rome.)

PRODUCTION OF CROPS IN SCOTLAND, 1921, 1922.

Crops	Production			
	Average 1909-13	Final Figures 1920	Final Figures 1921	Preliminary Estimates for 1922
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
Wheat	2,345	2,080	2,568	2,520
Barley	7,103	7,784	5,912	5,888
Oats	37,670	41,256	38,344	38,496
Potatoes	34,674	46,181	38,827	44,501

Source: Average 1909-13, United States Department of Agriculture Yearbook; 1920, 1921 Agricultural Statistics of England and Wales, Part 2, 1922 Cablegram from United States Department of Agriculture Consulting Specialist in Europe, December 16, 1922.

Acreage figures will be found in Foreign Crops and Markets, Vol. 5, No. 19, November 8, 1922, page 302.

NUMBER OF DAIRY COWS AND TOTAL CATTLE IN ARGENTINA 1914-1918.

Year.	Dairy Cows.	Total Cattle.
Census 1914	2,246,000	25,866,763
Estimate 1917	2,349,000	27,052,000
" 1918	2,378,000	27,392,000
" 1919	.....	27,721,000

Source: Comision del Censo Agropecurio, Estadistica Agricola and Argentine Yearbook.

ARGENTINAS DAIRY PRODUCTION, 1913-1921.

Year.	Total number of establishments. a.	Production.				
		Milk for the manufacture of butter, cheese and casein.	Butter.	Cheese from Cow's milk.	Cheese from Sheep's milk.	Casein
		1,000 Gallons.	1,000 Pounds.	1,000 Pounds	1,000 Pounds.	1,000 Pounds.
1913	1,289	.....	22,482	12,543	145	14,836
1917	2,846	.....	33,404	35,051	28	10,609
1918	3,035	.....	53,925	45,011	63	17,238
1919	4,349	223,154	56,723	49,894	58	14,151
1920	5,061	218,578	62,892	52,933	131	15,170
1921	4,960	229,859	72,295	52,265	81	16,966

Sources: Years 1913 - Estadistica Agricola 1916-17, p. 202 - Other Years, Boletin Mensual de Estadistica Agricola, May 1918, p. 92, July 1919, p. 151; October 1919, p. 223; November 1920, p. 185, August 1922, p. 177.

a. Factories working: 1917 - 2,046; 1918 - 2,173; 1919 - 3,886; 1920 - 4,078; 1921 - 3,914.

NUMBER OF DAIRY COWS IN AUSTRALIA COMPARED WITH THE TOTAL NUMBER OF CATTLE IN THE YEARS 1913-1920.

Year.	Dairy Cows.	Total Cattle.	Year.	Dairy Cows.	Total Cattle.
1913	2,035,717	11,483,882	1917	1,904,906	11,956,024
1914	1,938,834	11,051,573	1918	1,902,036	12,738,852
1915	1,684,393	9,931,416	1919	1,908,536	12,711,067
1916	1,747,351	10,467,737	1920	.....	13,500,000

Source: Years 1913, 1914 Official Yearbook of Australi No. 12, 1919, page 391. Years 1915-19 Official Yearbook of Australia No. 14, 1921, page 305- Year 1920, Quarterly Summary of Australian Statistics Bulletin No. 87, March 1922, page 12.

DAIRY PRODUCTION IN THE COMMONWEALTH OF AUSTRALIA 1910-1920. a.

Year.	Total milk produced for all purposes.	Butter.	Cheese.	Condensed, concentrated or powdered milk.
	1,000 Gallons.	1,000 Pounds.	1,000 Pounds.	1,000 Pounds.
1909	481,092	154,273	15,775	13,334
1913	b 583,785	198,758	19,743	32,684
1917	c 607,363	200,497	27,431	56,188
1918	c 558,370	181,803	23,790	63,290
1919	c 529,557	165,649	26,196	66,359
1920	.....	208,082	24,161	d 70,944

Sources: Quarterly Summary of Australian Statistics, June 1922, page 13; Official Yearbook of the Commonwealth of Australia, No. 14, 1921, page 307. Summary of Commonwealth Statistics Production Bulletin, No. 14, 1920, page 68. Live Stock Journal, London, September 1922, page 265.

a. Beginning with 1917 the production figures are not strictly for calendar years as some of the States composing the Commonwealth give their returns for fiscal years.

b Exclusive of Northern Territory for which no returns are available.

c Including 10,000 gallons for Northern Territory for 1917, 1918 and 1919.

d Unofficial.

DAIRYING INDUSTRY IN THE STATE OF SOUTH AUSTRALIA, AUSTRALIA, IN 1920-21.a

Year	Number of Dairy Cows			Estimated quantity of milk produced.	Dairying Production	
	Total	In milk and dry	Heifers		Butter	Cheese
				Gallons	Pounds	Pounds
1916-17 ...	113,859	86,311	27,548	29,954,005	9,793,142	2,476,081
1917-18 ...	126,012	96,661	29,351	32,308,881	10,482,895	2,449,716
1918-19 ...	135,807	103,230	32,577	32,242,763	10,444,789	2,412,383
1919-20 ...	131,867	100,932	30,885	30,899,553	9,810,335	2,540,133
1920-21 ...	152,178	117,536	34,642	34,076,709	11,397,279	1,804,696
Average for last five years ...	133,145	102,144	31,001	32,012,382	10,486,688	2,336,613

Source: Statistical Register of the State of South Australia, 1920-21, p.XXII, of Part V, production.

a. In total dairy production in the Commonwealth of Australia, New South Wales ranks first in importance, Victoria second, Queensland third and South Australia fourth.

EXPORTS OF DAIRY PRODUCTS FROM AUSTRALIA.

For Year ending June 30 -	Butter	Cheese	Condensed, concentrated or powdered milk
	Pounds	Pounds	Pounds
1914-15	54,021,500	2,542,478	4,907,395
1915-16	16,722,000	123,229	708,643
1916-17	74,873,600	10,569,279	15,777,333
1917-18	72,277,500	8,426,641	25,581,708
1918-19	41,114,800	2,303,276	27,934,998
1919-20	39,006,300	7,516,412	35,548,082
1920-21	92,121,000	9,530,221	37,231,554
1921-22	a 127,347,400	.....	.....

Source: Quarterly Summary of Austrian Statistics, June 1922, page 21. Trade and Customs and Excise Revenue of the Commonwealth of Australia 1920-21, No. 18, page 285, 293-4.

a. Preliminary.

NUMBER OF DAIRY COWS IN CANADA COMPARED WITH THE TOTAL NUMBER OF CATTLE IN THE Years 1913 to 1922.

Year	Dairy Cows	Total Cattle	Year	Dairy Cows	Total Cattle
1913	2,740,434	6,656,121	1920	3,530,238	9,477,380
1918	3,538,600	10,045,867	1921	3,736,832	10,206,205
1919	3,548,437	10,085,011	1922	3,745,804	9,819,869

Source: Years 1913 Canada Yearbook 1916-17, page 197, Years 1916-21, Monthly Bulletin of Agricultural Statistics, February 1922, page 56. 1922 - Dominion Bureau of Statistics, Agricultural Branch, Ottawa, December 2, 1922.

CANADIAN DAIRY PRODUCTION, 1900-1921.

Year	Establishment	Creamery Butter	Factory Cheese
	Number	Pounds	Pounds
1900	3,576	36,066,739	220,833,269
1910	3,625	64,489,398	199,904,205
1917	3,418	87,526,939	194,904,336
1918	3,373	93,298,348	174,878,313
1919	3,343	103,890,707	166,421,871
1920	3,165	111,691,718	149,201,856
1921	3,121	122,776,580	161,062,626

Source; Monthly Bulletin of Agricultural Statistics, Canada, June 1922, page 234.

PRODUCTION OF CONDENSED MILK PRODUCTS IN CANADA 1920 AND 1921.

Kind	1920	1921
	Pounds	Pounds
Condensed Milk	53,662,699	39,101,243
Evaporated milk	30,469,642	31,202,713
Skimmed condensed milk	363,294	1,096,006
Milk powder	.....	1,493,909
Skim milk powder	7,574,668	5,618,700
Sterilized milk	7,608,927	6,696,264
Casein	109,958	98,136

Source: Monthly Bulletin of Agricultural Statistics, Canada, June 1922, page 234.

NUMBER OF COWS (DAIRY AND OTHER) COMPARED WITH TOTAL NUMBER OF CATTLE IN DENMARK IN THE YEARS 1909, 1914-1922.

Year	Cows	Total Cattle	Year	Cows	Total Cattle
1909	1,281,974	2,353,932	1921 a	1,184,035	2,355,482
1914	1,310,268	2,432,362	1922 a	1,219,127	2,301,647
1918	1,024,417	2,123,722	1920 b	1,195,735	2,304,476
1919	1,042,143	2,183,142	1921 b	1,271,514	2,390,903
1920 a	1,112,963	2,236,408	1922 b	1,310,893	2,525,348

Source: Years 1909, 1914-20 Statistisk Arsbog 1920, page 62 and 63, Year 1920 S. A. 1921, page 52 and 53, year 1921, S. A. 1922, page 53. 1922 Statistiske Efterretninger, October 19, 1922, page 163.

a. Excludes South Jutland.

b. Includes incorporated South Jutland, provinces where census was taken in October 1920.

CHEESE PRODUCTION IN DENMARK.

According to an estimate made by the director of the Dairy Association, the total production of cheese in Denmark for the year ending October 1, 1922 amounts to approximately 61,723,000 pounds.

Source: Smor-Tidende (Danish Butter Trade Journal) Kjobenhavn, November 3, 1922, page 2.

BUTTER PRODUCTION IN DENMARK 1921 AND 1922 (YEAR ENDING MARCH 31).

The total production for the year ended March 31, 1922, amounted to 231,433,000 pounds as compared with 203,000,000 pounds in 1921.

(Source: American Consul, Copenhagen, Denmark - November 29, 1922 and Danish Foreign Office Journal.

EXPORTS OF CHEESE FROM DENMARK 1913 - 1922.

Year	Exports	Year	Exports
	Pounds		Pounds
1913	660,939	1918	7,025,400
1914	1,067,026	1919	5,725,126
1915	9,436,394	1920	21,281,445
1916	9,832,957	1921	27,648,109
1917	13,080,994	January to September 1921	22,778,809
		1922	17,792,886

Source: Denmarks Vareindforsel og Udforsel 1920, page 56 and corresponding years. Year 1921 Vareomsaetningen med Udlandet, December 1921, page 179 - September 1922, page 212.

DOMESTIC EXPORTS OF BUTTER FROM DENMARK (BY COUNTRIES) 1913, 1919 - 1922.

Countries of Destination	1913	1919	1920	1921	January to September 1921	January to September 1922
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
Austria-Hungary	9,464	639	a 255	.....	.....	.....
Czexhoslovakia	.....	.....	.....	.....	158	4,773
Belgium	.....	1,409	6,319	7,423	2,660	13,537
France	22	653	2,175	9,943	5,814	13,204
Germany	3,462	11,906	5,703	1,200	1,127	296
Great Britain	181,921	33,860	90,041	135,176	104,533	107,143
Holland	.....	19	799	1,712	1,099	225
Norway	.....	5,861	7,689	3,092	6,814	4,934
Spain	541	233	381	.....	.....	.....
Sweden	.....	12,949	16,211	9,144	8,943	1,185
Switzerland	491	10,754	13,182	17,020	10,779	9,509
United States	260	295	19,093	11,340	9,064	28
West Indies	890	926	1,849	.....	.....	.....
South America	1,896	352	345	.....	.....	.....
Asia	733	130	214	.....	.....	.....
Africa	369	149	275	.....	.....	.....
Other Countries	621	482	428	941	262	726
Total	200,670	80,622	164,959	b 203,402	b 152,278	b 156,945

Source: Danmarks Vareindforsel og Udforsel 1913, page 161. Same publication 1920, page 56. Year 1921 Vareomsoetningen med Udlandet, December 1921, pages 178-9 - Same publication, September 1922, pages 212-13.

a. Austria only.
b. Includes 1,411,000 pounds in 1921; 1,025,000 pounds in January - September 1921, and 1,385,000 pounds in January - September 1922 in hermetically sealed packages the greater portion of which probably went to the West Indies, South America, Asia and Africa as in 1920.

NUMBER OF COWS (DAIRY AND OTHER) COMPARED WITH THE TOTAL NUMBER OF CATTLE IN FRANCE IN THE YEARS 1913-21.

Year	Cows	Total Cattle	Year	Cows	Total Cattle
1913	7,794,270	14,787,710	1919 a	6,327,510	12,373,660
1914 a	6,663,360	12,668,240	1920 b	6,830,340	13,217,240
1918 a	6,237,470	12,250,820	1921 b	6,972,890	13,343,440

Source: Years 1913-19 Annuaire Statistique Agricole, 1919, page 315, Year 1920, 1921 Journal Officiel de la Republique Francaise, page 8054 (Photostat copy).

a. Excluding invaded territory.
b. Includes Alsace-Lorraine.

QUANTITY OF MILK RECEIVED IN PARIS BY RAIL DURING THE YEARS 1913 TO 1921.

Year.	Milk received by rail.	Year.	Milk received by rail.
	Gallons.		Gallons.
1913	90,901,364	1918.....	45,428,020
1914	86,639,107	1919.....	43,816,372
1915	74,950,250	1920.....	48,437,929
1916	58,960,329	1921.....	54,213,408
1917	52,456,721		

Source: La Revue Generale du Froid et des Industrial Frigorifiques, September 1922, page 322.

RUSSIAN DAIRY CATTLE SITUATION.

The actual decrease from the pre-war total number of cattle in Russia has not resulted in a proportionate decrease in the number of cows. This is explained by the fact that the cows afforded resources for immediate consumption rather than for future production only.

A comparison of the figures given by the Census of 1916 for 22 provinces of European Russia and 3 provinces of Siberia with those of the census of 1920 for the same territory is given below:

Year.	Number of Cows.	
	22 Provinces of European Russia.	3 Provinces of Siberia.
1916	6,072,000	1,337,000
1920	5,957,000	1,197,000
Decrease		
Absolute	115,000	140,000
Percentage	1.9	10.5

Taking these figures as a basis, Drozdoff makes an estimate of the total number of cows in the whole of Russia, exclusive of the Ukraine and Turkestan. He arrives at the following figures;

Year.	Cows.	Per Cent.
1916	17,000,000	100
1920	16,500,000	97
1921	13,500,000	79.5

Russian Dairy Situation (Continued)

According also to official data published by the Soviet Government in the Annual "Narodnoie Khoziaistuo" for 1920, it is stated that just as in the case of the various agricultural products, the center of gravity is being shifted to the cereals used for food, so in livestock the number of cows tends to show the greatest stability. The decrease in the number of young cattle, however is bound to exert an influence on the replenishment of the herds during the next few years. In comparing the composition of the herds of cattle in recent years with that of 1916 the following percentage changes have taken place:

Years.	Total cattle	Bulls over 2 years.	Cows.	Young cattle 1 to 2 years old.	Calves.	Working oxen.
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
1916	100	1.4	46.4	17.5	29.5	no information.
1917	100	0.7	54.0	16.4	28.7	0.2
1919	100	0.4	67.9	8.5	23.2	0.2
1920	100	0.5	68.6	8.7	20.5	1.7

Source: The Russian Economist, July- September 1921, pages 1064 and 1066.

CHEESE PRODUCTION IN GREECE.

The cheese production of Greece for the year 1921-22 is one-third less than that of the year 1920-21, because of the lack of pasture and of the fact that it was more profitable to sell milk in its natural condition.

Following is a comparative table of the production for the years 1920-21 and 1921-22:

Kind.	1920-21	1921-22.
	Pounds.	Pounds.
Masseri Cheese	2,963,100	987,700
Macaroni Cheese	6,913,900	2,295,226
Cheese sliced in brine	4,938,500	1,646,166

Source: American Vice Consul, Athens, Greece.

NUMBER OF DAIRY COWS AND TOTAL CATTLE IN GERMANY

Year.	Dairy Cows.	Total Cattle.	Year.	Dairy Cows.	Total Cattle
December 1, 1913	11,320,000	20,994,000	December 1, 1919a	8,772,000	16,524,000
December 1, 1917	10,194,000	20,095,000	December 1, 1920a	7,923,000	16,806,000
December 1, 1918a	9,523,000	17,650,000	December 1, 1921a	9,091,000	16,840,000

Sources: Statistiches Jahrbuch fur das Deutsche Reich 1915, page 59; 1916, pages 13; 1917 page 19; 1919, page 79 and page 83; 1920 page 51, Vierteljahrs Hefte 1921, II, page 22 and 23. Wirtschaft und Statistik February, 1922, I, p.70.

a. Excluding Alsace-Lorraine.

IMPORTS AND EXPORTS OF DAIRY PRODUCTS OF GERMANY CALENDAR YEARS 1913-1920.

	1913		1920	
	Imports.	Exports.	Imports.	Exports.
	Pounds.	Pounds.	Pounds.	Pounds.
Fresh Milk	72,286,629	27,447,270	60,408,245	3,197,552
Condensed milk and milk powder	114,639	18,203,382	9,180,395	524,695
Cream	97,826,920	55.115	3,930,626	.....
Butter and butter fat .	119,575,299	601,856	17,226,965	429,015
Hard Cheese	53,481,391	286,598	47,653,972	54,013
Soft Cheese	4.422,428	1,318,351	2,689,612	118,828

Source: Auswartigen Handel Deutchlands.

IMPORTS OF DAIRY PRODUCTS INTO GERMANY JANUARY - SEPTEMBER 1922.*.

	January - September 1922.		January - September 1922.
	Pounds.		Pounds.
Fresh Milk	15,317,781	Butter & Butter fat	2,319,901
Condensed milk and milk powder	7,897,980	Hard Cheese ...	39,593,955
Cream	26,896	Soft Cheese ...	8,533,566

Source: Monatliche Nachweise Uber den Auswartigen Handel Deutschlands, Sept. 1922, page 24 and 33.

* It is impossible to make a comparison with the same period of 1921 as there are no data available for the first four months of 1921.

AVERAGE WHOLESALE LONDON TOP PRICES OF SALT BUTTER, PER CWT.

Year ending June 30.	Quotations for Choicest Quality of Each Description.											
	Danish.		French.		New Zealand.		Australian.		Argentina a.		Russian.	
	S - d	Per cent of Danish price	S - d	Per cent of Danish price	S - d	Per cent of Danish price	S - d	Per cent of Danish price	S - d	Per cent of Danish price	S - d	Per cent of Danish price
1913	127- 3	100	125- 6	98.62	117- 4	92.20	112- 1	88.08	....	....	109- 1	85.72
1914	125- 2	100	125- 2	100.	116- 3	92.88	111- 9	89.29	113- 9	90.87	107- 0	85.49
1915	143- 8	100	133- 3	92.74	136- 5	94.95	131- 5	91.47	131- 4	91.41	126- 2	87.81
1916	173- 2	100	153- 4	88.55	161- 3	93.12	153- 3	88.50	151- 8	87.58	133- 1	76.85
1917	207- 8	100	....	....	200- 4	96.46	197-10	95.26	193- 1	93.34	....	....
1918b	252-	100	....	....	252-	100.	252-	100.	....	....	....	....
1919b	248- 5	100	....	....	248- 5	100.	248- 5	100.	....	....	....	....
1920b	271-11	100	....	....	271-11	100.	271-11	100.	....	....	....	....
1921.	290- 5	100	311-11	107.40	289- 5	99.66	285- 8	98.36	....	....	....	....
1922.	214- 3	100	....	....	190- 4	88.84	175- 9	82.03	....	....	....	....

Source: quotations from 28th Annual Review of the Imported Dairy Product Trade for the year ending June 30, 1922, by W. Weddel and Co., London.

a. Argentine butter prices from Thornett and Fehr's Review of the Oil and Fat Markets for 1920 and 1921, January 1922.

b. Government controlled prices.

AVERAGE WHOLESALE LONDON TOP PRICES OF CHEDDAR CHEESE, PER CWT., 1913-1922.

Year ending June 30.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922
	S- d	S - d	S - d	S - d	S -dd	S- d	S - d	S - d	S - d	S - d
Canadian	64-3	68-3	83-8	94-0	131-0	130-8	155-4	154-0	152-10	105-8
New Zealand	62-6	66-0	84-7	93-7	.....	130-8	155-4	154-0	154-0	100-4

Source: Twenty-eighth Annual Review of the Imported Dairy Produce Trade, for the year ended June 30, 1922, by W. Weddel and Co., Ltd., London

December 20, 1922.

Foreign Crops and Markets.

BUTTER: International trade, calendar years 1909-1921.
(Butter includes all butter made from milk, melted and renovated butter, but does not include margarine, coco butter, or ghee.)

	Average 1909-1913		1920		1921	
	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS
PRINCIPAL EXPORTING COUNTRIES.	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds (4)	1,000 Pounds	1,000 Pounds (4)
Argentina	113	6,934	-----	40,686	-------	52,187
Australia	46	77,859	34	92,421	-------	-------
Canada	33388	3,975	1,105	13,361	4,018	9,133
Denmark	6,241	195,530	6	164,959	860	202,942
Finland	2,370	26,337	5	2,508	-------	-------
France	13,713	40,769	18,584	4,812	40,235	3,033
Italy	972	7,870	3,104	96	-------	-------
Netherlands	4,987	75,435	131	45,576	4,401	44,528
NEw Zealand	47	38,761	(1)	34,945	-------	100,630
Norway	976	3,137	8,093	5	7,558	29
Russia	2,202	150,294	-------	-------	-------	-------
Sweden	330	45,870	16,917	53	14,175	342
United States	1,647	4,125	37,454	17,488	18,558	8,015
PRINCIPAL IMPORTING COUNTRIES.						
Austria-Hungary	6,281	4,267	(2) 781	-------	(2) 452	-------
Belgium	14,024	3,125	18,461	127	22,665	1,338
Brazil	4,551	(3) 4	167	10	3	51
British South Africa.	4,025	38	658	629	72	2,983
Dutch East Indies	4,152	-------	6,795	-------	-------	-------
Egypt	2,350	(3) 166	570	204	628	149
Germany	111,441	493	17,227	429	-------	-------
Switzerland	11,106	44	18,140	3	15,994	10
United Kingdom	455,489	1,179	187,799	363	372,895	1,105
Other countries	23,563	3,380	17,879	1,257	7,746	1,051
TOTAL	674,014	689,293	353,913	419,932	510,261	427,526

(1) Less than 500. (2) Austria only. (3) Two-year average. (4) Preliminary.

(Sources: Original official sources except when otherwise noted.)

CHEESE: International trade, calendar year 1909 - 1921.
(Cheese includes all cheese made from milk; "cottage cheese," of course is included)

Countries.	Average 1909-1913		1920		1921	
	IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
PRINCIPAL EXPORTING COUNTRIES.						
Bulgaria	(1) 63	5,584	-------	-------	-------	-------
Canada	1,054	167,260	480	142,768	908	137,180
Italy	13,308	60,560	5,893	2,790	-------	-------
Netherlands	522	127,379	489	99,738	802	115,279
New Zealand	3	55,561	18	136,870	-------	153,304
Russia	3,911	7,011	-------	-------	-------	--------
Switzerland	7,150	70,075	4,368	3,202	1,894	10,596
PRINCIPAL IMPORTING COUNTRIES.						
Algeria	6,592	138	5,126	150	5,777	-------
Argentina	10,447	(2) 6	-------	-------	-------	-------
Australia	360	799	72	9,530	-------	-------
Austraia-Hungary ..	12,298	966	(3)7,698	-------	(3)7,342	-------
Belgium	31,771	354	28,091	7,397	34,331	1,752
Brazil	4,178	(2) 1	1,224	4	148	8
British South Africa	5,169	4	1,235	343	45	441
Cuba	4,520	7	5,554	(4)	-------	-------
Denmark	1,414	527	132	21,281	1,542	27,648
Egypt	8,182	(5) 48	1,657	48	3,452	165
France	49,056	26,880	25,289	15,130	40,032	17,014
Germany	48,687	1,967	50,344	473	-------	-------
Spain	5,032	53	3,748	354	4,504	689
United Kingdom	257,407	950	305,832	454	312,783	479
United States	46,346	5,142	15,994	16,292	26,866	11,772
Other countries ...	17,947	6,858	16,051	14,260	5,449	1,011
TOTAL	535,417	538,124	479,295	460,784	444,874	477,338

(1) Two-year average. (2) Four-year average. (3) Austria only.
(4) Less than 500. (5) On-year average.

s: Original official sources except when otherwise noted.)